

Title (en)  
BLOCKED ISOCYANATE POLYURETHANE COMPOSITIONS USING A NEW BLOCKING AGENT, METHOD OF MANUFACTURE AND USES THEREOF

Title (de)  
BLOCKIERTE ISOCYANATPOLYURETHANZUSAMMENSETZUNGEN MIT EINEM NEUEN BLOCKIERUNGSMITTEL, VERFAHREN ZUR HERSTELLUNG UND VERWENDUNGEN DAVON

Title (fr)  
COMPOSITIONS D'ISOCYANATE POLYURÉTHANE BLOQUÉES UTILISANT UN NOUVEL AGENT BLOQUANT, LEUR PROCÉDÉ DE FABRICATION ET LEURS UTILISATIONS

Publication  
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Application  
**EP 19382845 A 20191001**

Priority  
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Abstract (en)  
The present invention relates to a new blocking agent for a blocked isocyanate composition consisting of an oxime of an ester of gamma-cetoacid. The present invention also relates to a method of manufacturing a blocked isocyanate composition and to a method of deblocking a blocked isocyanate composition. The present invention relates to the use of the blocked isocyanate composition obtained for manufacturing synthetic or artificial leather or in textile applications.

IPC 8 full level  
**C08G 18/80** (2006.01); **C08G 18/28** (2006.01); **C08G 18/32** (2006.01); **C08G 18/70** (2006.01); **C08G 18/76** (2006.01); **C09D 175/04** (2006.01)

CPC (source: EP)  
**C08G 18/286** (2013.01); **C08G 18/3234** (2013.01); **C08G 18/7621** (2013.01); **C08G 18/8009** (2013.01); **C08G 18/8077** (2013.01); **C09D 175/04** (2013.01)

Citation (applicant)  
• US 4794154 A 19881227 - BENEFIEL JAMES W [US]  
• US 6080812 A 20000627 - MORISHIMA TAKESHI [JP], et al  
• WO 2006029141 A1 20060316 - DOW GLOBAL TECHNOLOGIES INC [US], et al

Citation (search report)  
• [A] US 3846378 A 19741105 - GRISWOLD A  
• [XA] WATARU MURAMATSU ET AL: "Catalytic Peptide Synthesis: Amidation of N -Hydroxyimino Esters", ACS CATALYSIS, vol. 8, no. 3, 7 February 2018 (2018-02-07), US, pages 2181 - 2187, XP055527402, ISSN: 2155-5435, DOI: 10.1021/acscatal.7b04244  
• [XA] WATARU MURAMATSU ET AL: "S3 Supporting Information Catalytic Peptide Synthesis: Amidation of N-Hydroxyimino Esters", ACS CATALYSIS, 7 February 2018 (2018-02-07), US, XP055674152, Retrieved from the Internet <URL:https://pubs.acs.org/doi/suppl/10.1021/acscatal.7b04244/suppl\_file/cs7b04244\_si\_003.pdf> [retrieved on 20200305]

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**EP 3800213 A1 20210407**; BR 112022006385 A2 20220628; CN 114729101 A 20220708; CN 114729101 B 20240621; EP 4041795 A1 20220817; WO 2021064056 A1 20210408

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**EP 19382845 A 20191001**; BR 112022006385 A 20200930; CN 202080080352 A 20200930; EP 2020077426 W 20200930; EP 20780219 A 20200930